

ATTACHMENT ACleaned-Up Version of Claims (as of 1/30/2003)

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1. A formulation for the preservation of a film comprising an organic mixture comprising greater than 95 percent aliphatic hydrocarbons, wherein the aliphatic hydrocarbons comprise:
 - (a) aliphatic petroleum naphtha;
 - (b) aliphatic petroleum distillates; and
 - (c) petroleum base oil.
 2. The formulation of claim 1, characterized by a boiling point between 390° F and 410° F, a specific gravity between 0.7 and 0.75, and insolubility in water.
 3. The formulation of claim 1, characterized by a boiling point of about 402° F, specific gravity of about 0.735 ($H_2O = 1$), and water insolubility.
 4. The formulation of claim 3, further characterized by a vapor pressure of 100 torr at 164° F, vapor density less than one, and an evaporation rate less than one.
 5. The formulation of claim 1, wherein said formulation comprises greater than 95 percent aliphatic hydrocarbons, the aliphatic hydrocarbons comprising:
 - (a) between 13 and 23 weight percent aliphatic petroleum naphtha;
 - (b) between 17 and 25 percent aliphatic petroleum distillates; and
 - (c) between 5 and 10 percent petroleum base oil.
 6. The formulation of claim 5, characterized by a boiling point between 390° F and 410° F, a specific gravity between 0.7 and 0.75, and water insolubility.
 7. The formulation of claim 5, characterized by a boiling point of about 402° F, specific gravity of about 0.735 ($H_2O = 1$), and water insolubility.
 8. The formulation of claim 7, further characterized by a vapor pressure of 100 torr at 164° F, vapor density less than one, and an evaporation rate less than one.

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9. A formulation for the preservation of a motion picture film, said formulation comprising greater than 95 percent aliphatic hydrocarbons characterized by a evaporation rate in the range of one day to one year.

10. The formulation of claim 9, wherein said aliphatic hydrocarbons comprise aliphatic petroleum naphtha, aliphatic petroleum distillates and petroleum base oil.

11. The formulation of claim 10, wherein said mixture is characterized by a boiling point between 390° F and 410° F, a specific gravity between 0.7 and 0.75, and insolubility in water.

12. The formulation, of claim 10, wherein said mixture is characterized by a boiling point of about 402° F, specific gravity of about 0.735 ($H_2O = 1$), and water insolubility.

13. The formulation of claim 12, further characterized by a vapor pressure of 100 torr at 164° F, vapor density less than one, and an evaporation rate less than one.

14. A method for the preservation of a film comprising:

(a) providing a mixture comprising greater than 95 percent aliphatic hydrocarbons comprising aliphatic petroleum naphtha, aliphatic petroleum distillates and petroleum base oil; and

(b) coating said film with said mixture.

15. The method of claim 14, wherein said mixture is characterized by a boiling point between 390° F and 410° F, a specific gravity between 0.7 and 0.75, and insolubility in water.

16. The method of claim 14, wherein said mixture is characterized by a boiling point of about 402° F, specific gravity of about 0.735 ($H_2O = 1$), and water insolubility.

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17. (New) The method of claim 16, wherein said organic mixture is further characterized by a vapor pressure of 100 torr at 164° F, vapor density less than one, and an evaporation less than one.

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18. (New) The method of claim 14, wherein said aliphatic hydrocarbons comprise:

- (a) between 13 and 23 weight percent aliphatic petroleum naphtha;
- (b) between 17 and 25 percent aliphatic petroleum distillates; and
- (c) between 5 and 10 percent petroleum base oil.

19. (New) A print film having an average useful life of a print between 300 and 1,500 runs comprising an aqueous organic mixture comprising greater than 95 percent aliphatic hydrocarbons on a side of said film, wherein the aliphatic hydrocarbons comprise:

- (a) aliphatic petroleum naphtha;
- (b) aliphatic petroleum distillates; and
- (c) petroleum base oil.

20. (New) The print film of claim 19, wherein the organic mixture is characterized by a boiling point between 390° F and 410° F, specific gravity between 0.7 and 0.75, and insolubility in water.

21. (New) The print film of claim 19, wherein the organic mixture is characterized by a boiling point of about 402° F, specific gravity of about 0.735 ($H_2O=1$), and water insolubility.

22. (New) The print film of claim 21 wherein said organic mixture is further characterized by a vapor pressure of 100 torr at 164° F, vapor density less than one, and an evaporation rate less than one.

23. (New) The print film of claim 19, wherein said aliphatic hydrocarbons comprise:

- (a) between 13 and 23 weight percent aliphatic petroleum naphtha;
- (b) between 17 and 25 percent aliphatic petroleum distillates; and
- (c) between 5 and 10 percent petroleum base oil.

24. (New) The formulation of claim 10, wherein said formulation comprises:

- (a) between 13 and 23 weight percent aliphatic petroleum naphtha;
- (b) between 17 and 25 percent aliphatic petroleum distillates; and

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(c) between 5 and 10 petroleum base oil.